

# Particle Size Distribution Report



% +3"	% Gravel		% Sand			% Fines	
	Coarse	Fine	Coarse	Medium	Fine	Silt	Clay
0.0	0.0	0.9	1.2	7.6	75.9	14.4	

SIEVE SIZE	PERCENT FINER	SPEC.* PERCENT	PASS? (X=NO)
1	100.0		
.75	100.0		
.5	100.0		
.375	99.8		
#4	99.1		
#10	97.9		
#20	95.9		
#40	90.3		
#60	68.5		
#100	25.8		
#140	16.4		
#200	14.4		

\* (no specification provided)

Material Description		
Fine grained, SILTY SAND		
<div> <div> Atterberg Limits </div> <div> PL= </div> <div> LL= </div> <div> PI= </div> </div>		
<div> <div> Coefficients </div> <div> D<sub>90</sub>= 0.4182 </div> <div> D<sub>50</sub>= 0.2022 </div> <div> D<sub>10</sub>= </div> <div> D<sub>85</sub>= 0.3430 </div> <div> D<sub>30</sub>= 0.1602 </div> <div> C<sub>u</sub>= </div> <div> D<sub>60</sub>= 0.2255 </div> <div> D<sub>15</sub>= 0.0857 </div> <div> C<sub>c</sub>= </div> </div>		
<div> <div> Classification </div> <div> USCS= SM </div> <div> AASHTO= </div> </div>		
<div> <div> Remarks </div> </div>		

Location: BI-PBS-05-12 A  
Sample Number: 6469 (54)

Depth: 4.0'

Date: 11/28/12

**Thompson Engineering**

**Mobile, Alabama**

Client: CDM/Thompson Engineering JV  
Project: MsCIP Barrier Island Restoration GT

Project No: 1221110095

Figure